

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Marc M. Wefers on 11/23/2009.

The application has been amended as follows:

In claim 24, line 1, replace "claim 13" with --claim 3--.

***Allowable Subject Matter***

2. Claims 1-12, 14-15, 22-32 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Regarding claims 1 and 32, the prior art fails to disclose or make obvious a radiation detector for detecting incident radiation according to a predetermined spectral sensitivity distribution having a sensitivity maximum at a predetermined wavelength  $\lambda_0$ , radiation detector comprising, in addition to the other recited features of the claim, "wherein the radiation detector has a detector sensitivity such that at an arbitrary wavelength, a difference between corresponding values of the detector sensitivity and the predetermined spectral sensitivity distribution is less than 40%."

Regarding claim 3, the prior art fails to disclose or make obvious a radiation detector comprising, in addition to the other recited features of the claim, "the radiation

detector has a detector sensitivity such that at an arbitrary wavelength, a difference between corresponding values of the detector sensitivity and the standard spectral sensitivity distribution of a human eye is less than 40%."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Wyatt whose telephone number is (571)-272-5974. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Epps can be reached on (571)-272-2328. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/K. W./  
Examiner, Art Unit 2878

/Thanh X Luu/  
Primary Examiner, Art Unit 2878